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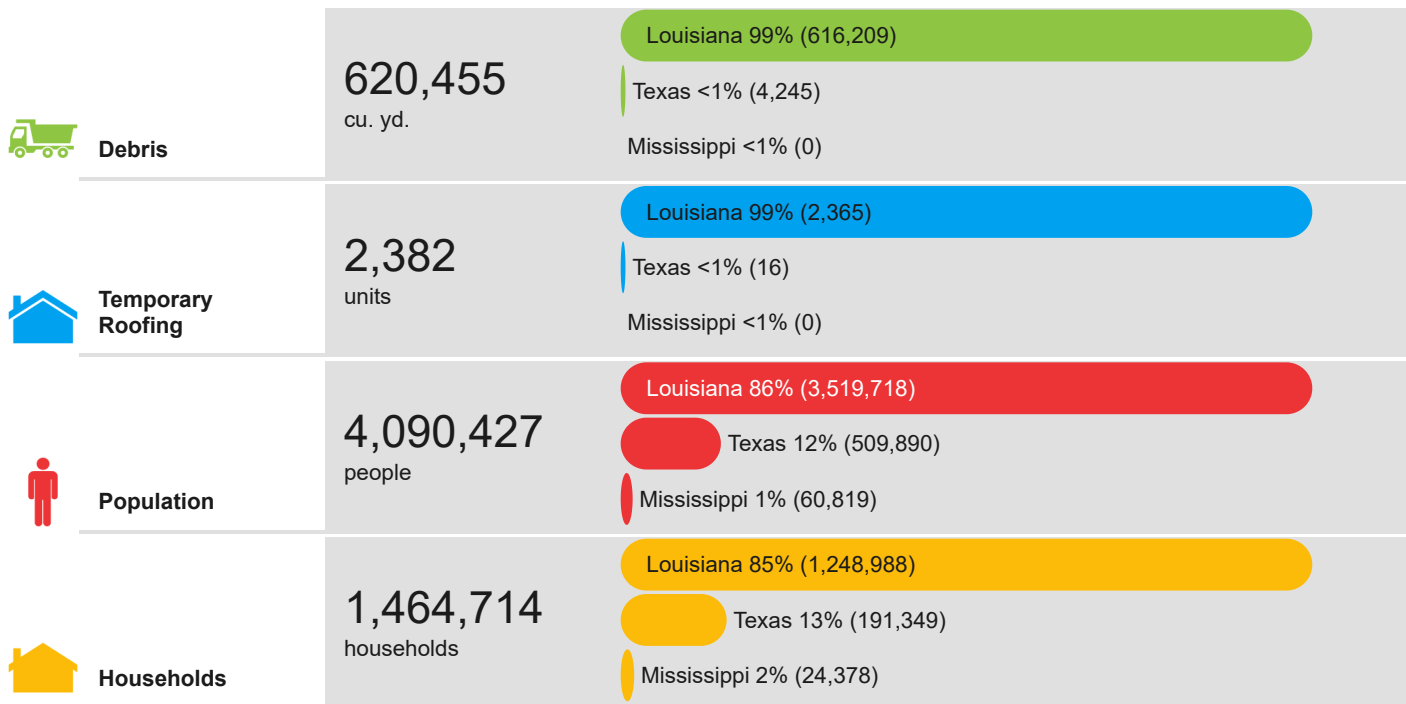
# Hurricane Laura Adv. #19

For Planning Purposes Only!

WASHINGTON, DC <b>11:48:35</b> 24 Aug 2020	CHICAGO <b>10:48:35</b> 24 Aug 2020	LOS ANGELES <b>08:48:35</b> 24 Aug 2020
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[https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?\\_65=148](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=148)

Updated as of 24 Aug 2020 (10:48 AM Central Daylight Time)



## Critical Infrastructure Summary

Total

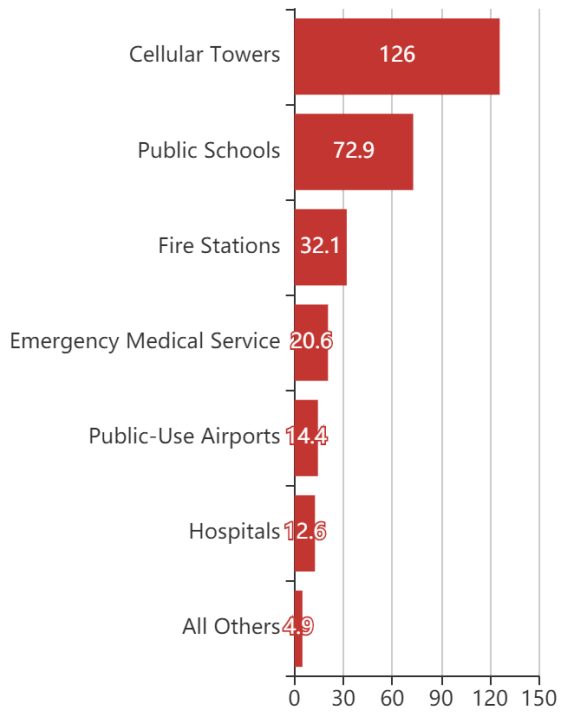


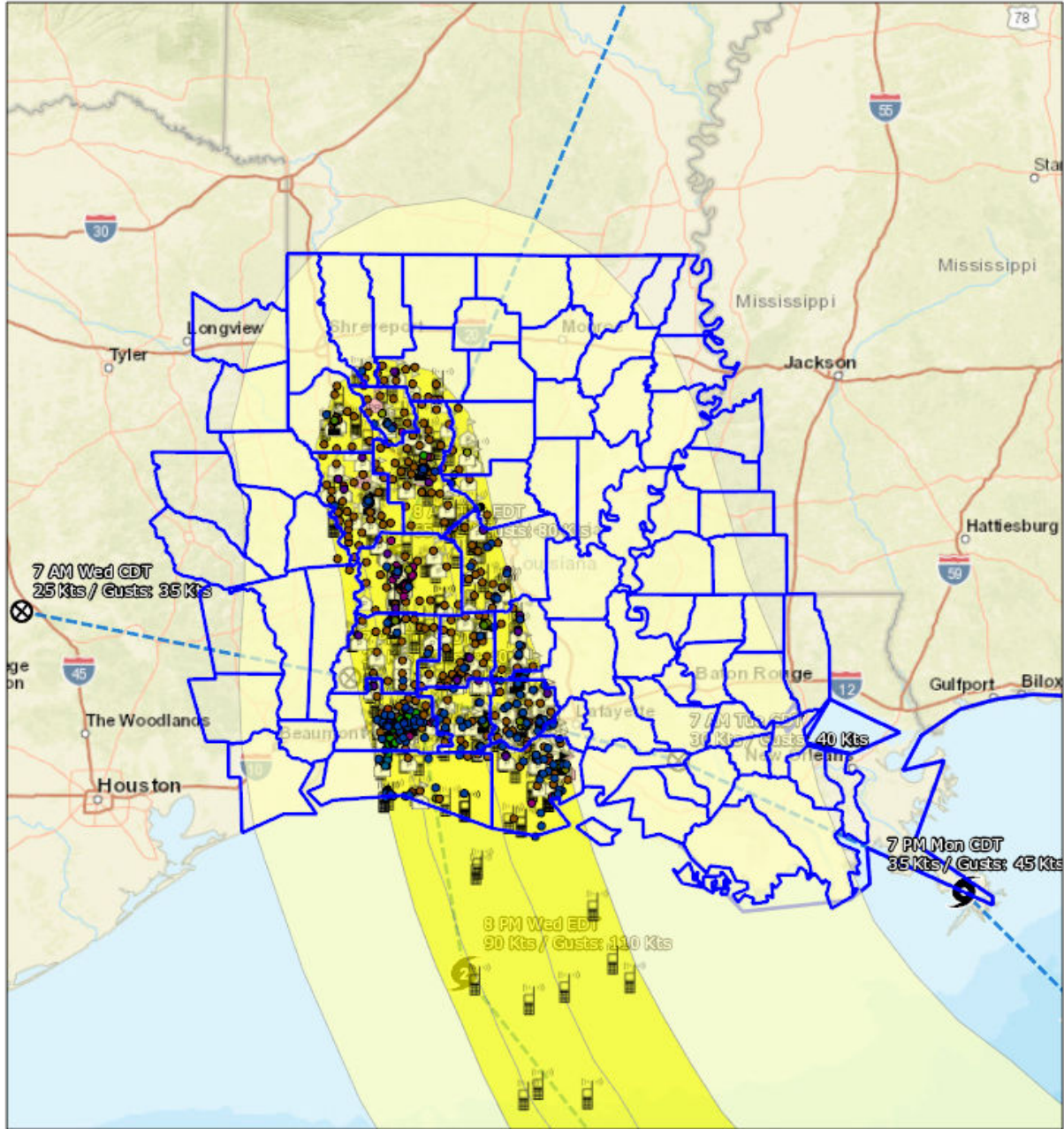
Power Requirements



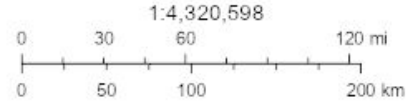
# Generators

By Generator Count





- Counties
- Public Schools
- Colleges and Universities
- Emergency Medical Service
- Fire Stations
- Nursing Homes
- Hospitals
- Private Schools
- AM Antennas
- Cellular Towers
- FM Antennas



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, NOAA/NOS/OCS nowCOAST, NOAA/NWS/NHC, NOAA/NWS/CPHC

Created by SimSuite

## Mission Summary



The mission models account for storm surge and wind damage only, but do not account for other related storm hazards that may affect the mission estimates.

Mission Summary	
Total Counties	78
Debris (cu. yd.)	620,455
Temporary Roofing (units)	2,382
Population	4,090,427.205
Households	1,464,714.286
Population Distribution	
Tropical Storm	2,976,184
Category 1	577,122

<b>LOUISIANA</b>	<b>Yards of Debris (616,209)</b>	<b>Roof Units (2,365)</b>	<b>Population (3,519,718)</b>	<b>Households (1,248,988)</b>
Acadia	55,075	211	60,988	21,142
Allen	21,106	81	25,818	8,102
Ascension	0	0	107,959	26,691
Assumption	0	0	23,119	8,239
Avoyelles	0	0	42,420	14,736
Beauregard	27,551	106	30,663	10,576
Bienville	6,528	25	14,864	6,108
Bossier	5,991	23	113,582	36,628
Caddo	7,539	29	236,739	91,010
Calcasieu	125,645	482	131,893	48,232
Caldwell	0	0	10,332	3,941
Cameron	6,500	25	5,098	2,495
Catahoula	0	0	10,656	4,082
Claiborne	0	0	16,230	6,270
Concordia	0	0	19,307	7,521
De Soto	25,245	97	26,524	9,691
East Baton Rouge	0	0	430,746	156,365
East Carroll	0	0	16	6
East Feliciana	0	0	20,723	6,699
Evangeline	33,177	127	36,010	12,736
Franklin	0	0	19,999	7,754
Grant	6,012	23	21,736	7,073
Iberia	0	0	75,402	25,381
Iberville	0	0	32,992	10,674
Jackson	0	0	15,165	6,086
Jefferson	0	0	435,334	176,234
Jefferson Davis	29,905	115	31,375	11,480
La Salle	0	0	14,165	5,291
Lafayette	25,396	97	210,850	72,372
Lafourche	0	0	93,799	32,057
Lincoln	0	0	42,709	15,235
Livingston	0	0	125,599	32,630
Madison	0	0	4,383	1,609
Morehouse	0	0	28,799	11,382
Natchitoches	37,155	143	39,823	14,263
Ouachita	0	0	151,722	55,216
Pointe Coupee	0	0	22,820	8,397
Rapides	66,777	256	72,622	25,634
Red River	8,893	34	9,256	3,414
Richland	0	0	20,657	7,490
Sabine	23,306	89	22,953	8,947
St. Charles	0	0	52,742	16,422

St. Helena	0	0	10,363	3,873
St. James	0	0	21,505	6,992
St. John the Baptist	0	0	47,737	14,283
St. Landry	4,425	17	93,358	32,328
St. Martin	0	0	52,518	17,164
St. Mary	0	0	50,951	19,317
Tangipahoa	0	0	2,611	797
Tensas	0	0	5,558	2,416
Terrebonne	0	0	110,329	35,997
Union	0	0	22,631	8,857
Vermilion	47,105	181	51,850	18,083
Vernon	47,567	183	45,282	18,260
Webster	0	0	41,058	16,501
West Baton Rouge	0	0	23,162	7,663
West Carroll	0	0	1,466	570
West Feliciana	0	0	15,318	3,645
Winn	5,311	20	15,430	5,930

MISSISSIPPI	Yards of Debris (0)	Roof Units (0)	Population (60,819)	Households (24,378)
Adams	0	0	31,752	13,677
Amite	0	0	5,480	2,183
Claiborne	0	0	1,033	342
Franklin	0	0	3,328	1,289
Jefferson	0	0	9,098	3,308
Wilkinson	0	0	10,128	3,578

TEXAS	Yards of Debris (4,245)	Roof Units (16)	Population (509,890)	Households (191,349)
Angelina	0	0	7,225	2,473
Hardin	0	0	24,168	8,120
Harrison	0	0	19,785	7,090
Jasper	0	0	34,760	13,450
Jefferson	0	0	246,120	92,880
Nacogdoches	0	0	2,354	822
Newton	2,491	10	14,284	5,583
Orange	0	0	84,766	31,642
Panola	0	0	23,152	8,821
Sabine	1,744	7	10,438	4,485
San Augustine	0	0	8,709	3,575
Shelby	10	0	24,448	8,816
Tyler	0	0	9,680	3,592

## Critical Infrastructure

Summary			
Total Critical Facilities		1,715	
Power Requirements (kW)		59,019.9	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (14)	0.7	35 - 75	38.5
Cellular Towers (210)	126.0	35 - 75	6,930.0
FM Antennas (55)	2.8	35 - 75	151.3
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (35)	0.0	200 - 300	0.0
Public Schools (243)	72.9	200 - 300	18,225.0
Colleges and Universities (16)	0.3	200 - 300	80.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (206)	20.6	15 - 35	515.0
Fire Stations (321)	32.1	15 - 35	802.5
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (54)	8.1	35 - 100	546.8
Hospitals (42)	12.6	800 - 2000	17,640.0
Urgent Care Facilities (5)	1.0	200 - 300	250.0
Military	# FED Gen Req	Range (kW)	Req kW
Air National Guard (ANG) Sites (0)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (11)	0.0	15 - 35	0.0
National Security Government Military Facilities (98)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (31)	6.2	400 - 600	3,100.0
Local Police (49)	4.9	15 - 35	122.5
State Police (3)	0.2	15 - 35	3.8
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (13)	2.6	15 - 40	71.5
State Emergency Operation Centers (EOCs) (0)	0.0	15 - 35	0.0

<b>State Facilities</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Governors Mansion (0)	0.0	100 - 200	0.0
Major State Government Building (1)	0.1	100 - 200	15.0

<b>Transportation</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Ports (157)	0.0	600 - 1200	0.0
Amtrak Stations (1)	0.0	100 - 300	0.0
Bus Stations (8)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (4)	0.0	100 - 300	0.0
Railroad Stations (1)	0.0	100 - 300	0.0
Public-Use Airports (120)	14.4	40 - 100	1,008.0

<b>Water</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (17)	6.8	800 - 2000	9,520.0



## COVID-19

#	County	Cases
1	Jefferson	16,131
2	East Baton Rouge	13,350
3	Lafayette	8,148
4	Calcasieu	7,277
5	Caddo	7,156
6	Jefferson	6,499
7	Ouachita	5,372
8	Tangipahoa	3,934
9	Rapides	3,682
10	Terrebonne	3,315
11	Livingston	3,266
12	Ascension	3,218
13	Lafourche	3,101
14	St. Landry	3,000
15	Acadia	2,743
16	Iberia	2,661
17	Bossier	2,549
18	Angelina	1,964
19	St. Martin	1,836
20	Vermilion	1,784
21	Orange	1,736
22	St. Mary	1,720
23	Monroe	1,693
24	St. Charles	1,580
25	St. John the Baptist	1,487
26	Allen	1,409
27	Iberville	1,325
28	Nacogdoches	1,270
29	Hardin	1,217
30	Avoyelles	1,211
31	Jefferson Davis	1,116
32	Franklin	1,042
33	Evangeline	1,004
34	Webster	986
35	Beauregard	938
36	Vernon	889
37	Natchitoches	889
38	Pointe Coupee	888
39	Lincoln	881
40	De Soto	802
41	West Baton Rouge	787
42	Union	783

43	Harrison	774
44	St. James	747
45	Adams	731
46	East Feliciana	721
47	Sabine	711
48	Richland	664
49	Madison	655
50	Assumption	631
51	Union	627
52	Miller	571
53	Morehouse	570
54	East Carroll	529
55	Winn	511
56	West Feliciana	467
57	Shelby	426
58	Claiborne	420
59	Jackson	416
60	Bienville	403
61	Concordia	402
62	Jasper	393
63	Ashley	379
64	LaSalle	378
65	Grant	377
66	Catahoula	346
67	Claiborne	327
68	West Carroll	320
69	St. Helena	305
70	Panola	302
71	Red River	300
72	Columbia	274
73	Caldwell	264
74	Amite	262
75	Wilkinson	258
76	Jefferson	211
77	San Augustine	185
78	Tyler	175
79	Cameron	174
80	Franklin	168
81	Newton	162
82	Marion	139
83	Tensas	127
84	Sabine	72
85	Lafayette	65

